Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 28 Dec 2022 until 23:59 on Thursday 29 Dec 2022

Forecast Issued on Tuesday 27 Dec 2022 at 15:37

Confidence: High becoming Medium in details from Friday.

Headline for Wednesday 28 Dec 2022: Wet and windy

Mountain weather hazards on Wednesday 28 Dec 2022

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Mist	Cloudy	Mist	Light rain	Heavy Rain	Heavy Rain	Partly cloudy (night)	Heavy rain showers (night)
Precipitation probability							
20%	10%	20%	60%	70%	70%	40%	60%

Forecast for Wednesday 28 Dec 2022

Weather: Often dry but rather cloudy overnight with the odd shower. Rain for much of daylight hours, heavy at times. Turning drier from dusk but still with heavy showers.

Chance of cloud-free hill tops above 600m: 40%

Low cloud and visibility: Extensive cloud, base 600 to 900m, lowering 300m at times during daylight hours. Visibility moderate or poor in rain and very poor at times at height.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 28 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/40 W	24/33 SW	21/29 SW	21/30 S	28/39 S	29/40 S	32/45 SW	34/48 SW	33/47 SW
300	19/29 W	15/26 SW	13/22 S	16/25 S	21/33 S	21/33 S	22/35 SW	24/38 SW	24/38 SW
Valley	12/27 W	10/25 SW	8/22 S	8/21 SE	14/32 S	14/32 S	15/34 SW	17/36 SW	17/36 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-3	3/-4	3/-3	4/-1	6/0	6/0	5/-1	4/-2	4/-3
300	6/1	5/1	5/1	6/2	8/4	8/4	8/3	7/2	6/1
Valley	6/3	5/2	5/2	6/3	8/5	9/6	8/4	7/3	7/2
Freezing Level*	1100m	1000m	1000m	1800m	1700m	2000m	1400m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing further to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 27 Dec 2022	2.4mm	4.6mm	10.2mm

Forecast for Thursday 29 Dec 2022

Weather: Very windy with wintry showers, but mostly rain below 600m until later in the day. Some drier and brighter spells. Temporary blizzard conditions possible over the summits.

Maximum wind: West or Southwest 40mph gusting 60mph with a severe wind chill and buffeting.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Occasional or extensive cloud, base 600 to 900m. Visibility very good falling poor or very poor in showers and cloud.

Temperature: **Valleys:** Plus 3 to 7 Celsius
At 600m: Plus 2 Celsius, later Zero Celsius
Freezing level: 800m, later 600m

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